

Safety Data Sheet

According to Regulation (EC) No 1907/2006

TASKI Jontec 300 conc F4c

Revision: 2024-08-07

Version: 09.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: TASKI Jontec 300 conc F4c

UFI: TA65-T0GY-300S-MUE0

1.2 Relevant identified uses of the substance or mixture and uses advised against Product use: Floor cleaner.

For professional use only. Uses other than those identified are not recommended.

Uses advised against:

SWED - Sector-specific worker exposure description : AISE_SWED_PW_8a_2 AISE_SWED_PW_8b_2

AISE_SWED_PW_8a_2 AISE_SWED_PW_8b_2 AISE_SWED_PW_4_1 AISE_SWED_PW_10_1 AISE_SWED_PW_11_1 AISE_SWED_PW_19_1

1.3 Details of the supplier of the safety data sheet Diversey Europe Operations BV, De Corridor 4, 3621ZB Breukelen [Maarssenbroeksedijk 2, 3542DN Utrecht], The Netherlands

Contact details

Diversey Ltd Weston Favell Centre, Northampton NN3 8PD, United Kingdom Tel: 01604 405311, Fax: 01604 406809 Regulatory Email: customerservice.uk@solenis.com

1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible) For medical or environmental emergency only: call 0800 052 0185

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Eye irritation, Category 2 (H319)

2.2 Label elements



Signal word: Warning.

Hazard statements: H319 - Causes serious eye irritation.

2.3 Other hazards

No other hazards known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Ingredient(s) | EC number | CAS number | REACH | Classification | Notes | Weight |
|---------------|-----------|------------|--------|----------------|-------|---------|
| | | | number | | | percent |

| alkyl alcohol alkoxylate | [4] | 9038-95-3 | [4] | Acute toxicity - Oral, Category 4 (H302) | 3-10 |
|--------------------------|-----|------------|-----|--|------|
| alkyl alcohol ethoxylate | [4] | 69011-36-5 | | Acute toxicity - Oral, Category 4 (H302) | 3-10 |
| | | | | Serious eve damage, Category 1 (H318) | |

Workplace exposure limit(s), if available, are listed in subsection 8.1.

ATE, if available, are listed in section 11.

[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

For the full text of the H and EUH phrases mentioned in this Section, see Section 16..

SECTION 4: First aid measures

| 4.1 Description of first aid measures | |
|---------------------------------------|---|
| Inhalation: | Get medical attention or advice if you feel unwell. |
| Skin contact: | Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention. |
| Eye contact: | Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention. |
| Ingestion: | Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell. |
| Self-protection of first aider: | Consider personal protective equipment as indicated in subsection 8.2. |
| 4.2 Most important symptoms and effe | ects, both acute and delayed |
| Inhalation: | No known effects or symptoms in normal use. |
| Skin contact: | No known effects or symptoms in normal use. |

| Eye contact. | Causes severe initiation. |
|--------------|---|
| Ingestion: | No known effects or symptoms in normal use. |
| | |

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures

5.1 Extinguishing media

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Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

aucos covoro irritation

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter drainage system, surface or ground water.

6.3 Methods and material for containment and cleaning up

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire and explosions:

No special precautions required.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless adviced by Diversey. Wash hands before breaks and at the end of workday. Avoid contact with eyes. Do not breathe spray. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters Workplace exposure limits

Air limit values, if available:

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

DNEL/DMEL and PNEC values

Human exposure

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|--------------------------|-------------------------------|----------------------------------|------------------------------|---------------------------------|
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

DNEL/DMEL dermal exposure - Worker

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|--------------------------|-------------------------------|---|------------------------------|--|
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

DNEL/DMEL dermal exposure - Consumer

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|--------------------------|-------------------------------|---|------------------------------|--|
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

DNEL/DMEL inhalatory exposure - Worker (mg/m³)

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|--------------------------|-------------------------------|----------------------------------|------------------------------|---------------------------------|
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

DNEL/DMEL inhalatory exposure - Consumer (mg/m³)

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|--------------------------|-------------------------------|----------------------------------|------------------------------|---------------------------------|
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

Environmental exposure

| E | nvironmental exposure - PNEC | | | | |
|---|------------------------------|--------------------------------|---------------------------------|---------------------|----------------------------------|
| | Ingredient(s) | Surface water, fresh (mg/l) | Surface water, marine (mg/l) | Intermittent (mg/l) | Sewage treatment plant (mg/l) |
| | alkyl alcohol alkoxylate | - | - | - | - |
| | alkyl alcohol ethoxylate | - | - | - | - |

Environmental exposure - PNEC, continued

| Ingredient(s) | Sediment, freshwater (mg/kg) | Sediment, marine (mg/kg) | Soil (mg/kg) | Air (mg/m³) |
|--------------------------|---------------------------------|-----------------------------|--------------|-------------|
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section. Recommended safety measures for handling the <u>undiluted</u> product:

Appropriate engineering controls: Appropriate organisational controls:

No special requirements under normal use conditions. Avoid direct contact and/or splashes where possible. Train personnel.

REACH use scenarios considered for the undiluted product:

| | SWED - Sector-specific | LCS | PROC | Duration | ERC |
|------------------------------|------------------------|-----|---------|----------|-------|
| | worker exposure | | | (min) | |
| | description | | | | |
| Manual transfer and dilution | AISE_SWED_PW_8a_2 | PW | PROC 8a | 60 | ERC8a |
| Manual transfer and dilution | AISE_SWED_PW_8b_2 | PW | PROC 8b | 60 | ERC8b |

Personal protective equipment

| Eye / face protection: | Safety glasses are not normally required. However, their use is recommended in those cases where |
|-------------------------|--|
| | splashes may occur when handling the product (EN 16321 / EN 166). |
| Hand protection: | No special requirements under normal use conditions. |
| Body protection: | No special requirements under normal use conditions. |
| Respiratory protection: | No special requirements under normal use conditions. |
| | |

Environmental exposure controls: No special requirements under normal use conditions.

Recommended safety measures for handling the <u>diluted</u> product:

Recommended maximum concentration (% w/w): 1

| Appropriate engineering controls: | Provide a good standard of general ventilation. |
|--------------------------------------|--|
| Appropriate organisational controls: | No special requirements under normal use conditions. |

REACH use scenarios considered for the diluted product:

| | SWED | LCS | PROC | Duration (min) | ERC |
|---|-------------------|-----|---------|-------------------|-------|
| Machine application | AISE_SWED_PW_10_1 | PW | PROC 10 | 480 | ERC8a |
| Manual application by brushing, wiping or mopping | | | | | |
| Spray application | AISE_SWED_PW_11_1 | PW | PROC 11 | 60 | ERC8a |
| Manual application | AISE_SWED_PW_19_1 | PW | PROC 19 | 480 | ERC8a |
| Automatic application in a dedicated system | AISE_SWED_PW_4_1 | PW | PROC 4 | 480 | ERC8a |

| Personal protective equipment Eye / face protection: Hand protection: Body protection: Respiratory protection: | No special requirements under normal use conditions. No special requirements under normal use conditions. No special requirements under normal use conditions. Trigger spray bottle application: No special requirements under normal use conditions. Apply |
|--|--|
| Respiratory protection: | technical measures to comply with the occupational exposure limits, if available. |

Environmental exposure controls:

No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties Information in this section refers to the product, unless it is specifically stated that substance data is listed

Method / remark

Physical state: Liquid Colour: Clear, Green Odour: Product specific Odour threshold: Not applicable Melting point/freezing point (°C): Not determined Initial boiling point and boiling range (°C): Not determined

Not relevant to classification of this product See substance data

Substance data, boiling point

| Ingredient(s) | Value (°C) | Method | Atmospheric pressure (hPa) |
|--------------------------|-------------------|------------------|-------------------------------|
| alkyl alcohol alkoxylate | No data available | | |
| alkyl alcohol ethoxylate | > 200 | Method not given | |

Flammability (solid, gas): Not applicable to liquids Flammability (liquid): Not flammable.

Method / remark

Flash point (°C): > 60 °C Weight of evidence Sustained combustion: Not applicable. (UN Manual of Tests and Criteria, section 32, L.2) Weight of evidence Lower and upper explosion limit/flammability limit (%): Not determined

Substance data, flammability or explosive limits, if available:

| | Method / remark |
|--|-----------------|
| Autoignition temperature: Not determined | |
| Decomposition temperature: Not applicable. | |
| pH: ≈ 8 (neat) | ISO 4316 |
| Dilution pH: $\approx 8 (1\%)$ | ISO 4316 |
| Kinematic viscosity: Not determined | |
| Solubility in / Miscibility with water: Fully miscible | |

Substance data, solubility in water

| Ingredient(s) | Value Method | | Temperature |
|--------------------------|-------------------|------------------|-------------|
| | (g/l) | | (°C) |
| alkyl alcohol alkoxylate | No data available | | |
| alkyl alcohol ethoxylate | Soluble | Method not given | 20 |

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Vapour pressure: Not determined

Method / remark See substance data

Substance data, vapour pressure

| Ingredient(s) | Value (Pa) | Method | Temperature (°C) |
|--------------------------|---------------|------------------|---------------------|
| alkyl alcohol alkoxylate | < 10 | Method not given | 20 |
| alkyl alcohol ethoxylate | Negligible | Method not given | 20-25 |

Relative density: ≈ 1.01 (20 °C) Relative vapour density: -. Particle characteristics: No data available.

9.2 Other information
9.2.1 Information with regard to physical hazard classes
Explosive properties: Not explosive.
Oxidising properties: Not oxidising.
Corrosion to metals: Not corrosive

Method / remark

OECD 109 (EU A.3) Not relevant to classification of this product Not applicable to liquids.

Weight of evidence

9.2.2 Other safety characteristics No other relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Mixture data: .

Relevant calculated ATE(s): ATE - Oral (mg/kg): >2000

Eye irritation and corrosivity

Result: Eye irritant 2 Species: Not applicable. Method: Weight of evidence

Substance data, where relevant and available, are listed below:.

Acute toxicity Acute oral to

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) | ATE Oral (mg/kg) |
|--------------------------|----------|------------------|---------|------------------------|----------------------|---------------------|
| alkyl alcohol alkoxylate | LD 50 | > 300-2000 | Rat | OECD 423 (EU B.1 tris) | | 250000 |
| alkyl alcohol ethoxylate | LD 50 | > 300-2000 | Rat | OECD 423 (EU B.1 tris) | | 11000 |

Acute dermal toxicity

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure | ATE Dermal |
|--------------------------|----------|-----------|---------|------------------|----------|-----------------|
| | | (mg/kg) | | | time (h) | (mg/kg) |
| alkyl alcohol alkoxylate | | No data | | | | Not established |
| | | available | | | | |
| alkyl alcohol ethoxylate | LD 50 | > 2000 | Rabbit | Method not given | | Not established |

Acute inhalative toxicity

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|--------------------------|----------|----------------------|---------|--------|----------------------|
| alkyl alcohol alkoxylate | | No data available | | | |
| alkyl alcohol ethoxylate | | No data available | | | |

Acute inhalative toxicity, continued

| Ingredient(s) | ATE - inhalation, dust ATE - inhalation, mist | | ATE - inhalation, | ATE - inhalation, gas |
|--------------------------|---|-----------------|-------------------|-----------------------|
| | (mg/l) | (mg/l) | vapour (mg/l) | (mg/l) |
| alkyl alcohol alkoxylate | Not established | Not established | Not established | Not established |
| alkyl alcohol ethoxylate | Not established | Not established | Not established | Not established |

Irritation and corrosivity Skin irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|--------------------------|--------------|---------|-------------------|---------------|
| alkyl alcohol alkoxylate | Not irritant | Rabbit | OECD 404 (EU B.4) | |
| | | | Read across | |
| alkyl alcohol ethoxylate | Not irritant | Rabbit | OECD 404 (EU B.4) | |

Eye irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|--------------------------|------------------|---------|-------------------|---------------|
| alkyl alcohol alkoxylate | Not corrosive or | Rabbit | OECD 405 (EU B.5) | |
| | irritant | | Read across | |
| alkyl alcohol ethoxylate | Severe damage | Rabbit | Method not given | |

Respiratory tract irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|--------------------------|-------------------|---------|--------|---------------|
| alkyl alcohol alkoxylate | No data available | | | |
| alkyl alcohol ethoxylate | No data available | | | |

Sensitisation Sensitisation by skin contact

| Ingredient(s) | Result | Species | Method | Exposure time (h) |
|--------------------------|-------------------|------------|------------------|-------------------|
| alkyl alcohol alkoxylate | No data available | | | |
| alkyl alcohol ethoxylate | Not sensitising | Guinea pig | Method not given | |

Sensitisation by inhalation

| Ingredient(s) | Result | Species | Method | Exposure time |
|--------------------------|-------------------|---------|--------|---------------|
| alkyl alcohol alkoxylate | No data available | | | |
| alkyl alcohol ethoxylate | No data available | | | |

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

TASKI Jontec 300 conc F4c

Mutagenicity

| Ingredient(s) | Result (in-vitro) | Method (in-vitro) | Result (in-vivo) | Method (in-vivo) |
|--------------------------|--|----------------------|--|---------------------|
| alkyl alcohol alkoxylate | No data available | | No data available | |
| alkyl alcohol ethoxylate | No evidence of genotoxicity, negative test results | | No evidence of genotoxicity, negative test results | Method not given |

Carcinogenicity

| Ingredient(s) | Effect |
|--------------------------|---|
| alkyl alcohol alkoxylate | No data available |
| alkyl alcohol ethoxylate | No evidence for carcinogenicity, weight-of-evidence |

Toxicity for reproduction

| Ingredient(s) | Endpoint | Specific effect | Value (mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|--------------------------|----------|---------------------|-----------------------|---------|-----------|------------------|---|
| alkyl alcohol alkoxylate | | | No data available | | | | |
| alkyl alcohol ethoxylate | NOAEL | Teratogenic effects | > 50 | Rat | Not known | | No known significant effects or critical hazards |

Repeated dose toxicity Sub-acute or sub-chronic oral toxicity

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|--------------------------|----------|-----------------------|---------|--------|-------------------------|---|
| alkyl alcohol alkoxylate | | No data available | | | | |
| alkyl alcohol ethoxylate | | No data available | | | | |

Sub-chronic dermal toxicity

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|--------------------------|----------|-----------------------|---------|--------|-------------------------|---|
| alkyl alcohol alkoxylate | | No data | | | | |
| | | available | | | | |
| alkyl alcohol ethoxylate | | No data | | | | |
| | | available | | | | |

Sub-chronic inhalation toxicity

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure | Specific effects and organs |
|--------------------------|----------|--------------|---------|--------|-------------|-----------------------------|
| | | (mg/kg bw/d) | | | time (days) | affected |
| alkyl alcohol alkoxylate | | No data | | | | |
| | | available | | | | |
| alkyl alcohol ethoxylate | | No data | | | | |
| | | available | | | | |

Chronic toxicity

| Ingredient(s) | Exposure | Endpoint | Value | Species | Method | Exposure | Specific effects and | Remark |
|--------------------------|----------|----------|--------------|---------|------------|-------------|--------------------------|--------|
| | route | | (mg/kg bw/d) | | | time | organs affected | |
| alkyl alcohol alkoxylate | | | No data | | | | | |
| | | | available | | | | | |
| alkyl alcohol ethoxylate | Oral | NOAEL | 50 | Rat | Method not | 24 month(s) | Effects on organ weights | |
| | | | | | given | | | |

STOT-single exposure

| Ingredient(s) | Affected organ(s) |
|--------------------------|-------------------|
| alkyl alcohol alkoxylate | No data available |
| alkyl alcohol ethoxylate | Not applicable |

STOT-repeated exposure

| Ingredient(s) | Affected organ(s) |
|--------------------------|-------------------|
| alkyl alcohol alkoxylate | No data available |
| alkyl alcohol ethoxylate | Not applicable |

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties Endocrine disrupting properties - Human data, if available:

11.2.2 Other information

No other relevant information available.

SECTION 12: Ecological information

12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity Aquatic short-term toxicity - fish

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|--------------------------|----------|-----------------|----------------------|-------------------|----------------------|
| alkyl alcohol alkoxylate | LC 50 | > 100 | Brachydanio rerio | OECD 203 (EU C.1) | 96 |
| alkyl alcohol ethoxylate | LC 50 | > 1 - 10 | Cyprinus carpio | OECD 203 (EU C.1) | 96 |

| Aquatic short-term toxicity - crustacea | | | | | |
|---|----------|-----------------|-------------------------|------------------|----------------------|
| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
| alkyl alcohol alkoxylate | EC 50 | > 100 | Daphnia magna Straus | Method not given | 48 |
| alkyl alcohol ethoxylate | EC 50 | 1 - 10 | Daphnia magna Straus | OECD 202, static | 48 |

| Aquatic short-term toxicity - algae | | | | | |
|-------------------------------------|----------|--------|---------------|------------------|----------|
| Ingredient(s) | Endpoint | Value | Species | Method | Exposure |
| | | (mg/l) | | | time (h) |
| alkyl alcohol alkoxylate | EC 50 | > 100 | Not specified | Method not given | 72 |
| alkyl alcohol ethoxylate | EC 50 | 1 - 10 | Desmodesmus | OECD 201, static | 72 |
| | | | subspicatus | | |

| Aquatic short-term toxicity - marine species | | | | | | | | | | |
|--|----------|-----------------|---------|--------|-------------------------|--|--|--|--|--|
| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (days) | | | | | |
| alkyl alcohol alkoxylate | | No data | | | | | | | | |
| | | available | | | | | | | | |
| alkyl alcohol ethoxylate | | No data | | | | | | | | |
| | | available | | | | | | | | |

Impact on sewage plants - toxicity to bacteria

| Ingredient(s) | Endpoint | Value (mg/l) | Inoculum | Method | Exposure time |
|--------------------------|----------|----------------------|---------------------|--------------------|------------------|
| alkyl alcohol alkoxylate | | No data available | | | |
| alkyl alcohol ethoxylate | EC 10 | > 10000 | Activated sludge | DIN 38412 / Part 8 | 17 hour(s) |

Aquatic long-term toxicity Aquatic long-term toxicity - fish

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|--------------------------|----------|-----------------|---------|--------|------------------|------------------|
| alkyl alcohol alkoxylate | | No data | | | | |
| | | available | | | | |
| alkyl alcohol ethoxylate | | No data | | | | |
| | | available | | | | |

Aquatic long-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure | Effects observed |
|--------------------------|----------|-----------|---------|--------|----------|------------------|
| | | (mg/l) | | | time | |
| alkyl alcohol alkoxylate | | No data | | | | |
| | | available | | | | |
| alkyl alcohol ethoxylate | | No data | | | | |
| | | available | | | | |

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw sediment) | Species | Method | Exposure time (days) | Effects observed |
|--------------------------|----------|---------------------------------|---------|--------|-------------------------|------------------|
| alkyl alcohol alkoxylate | | No data | | | | |

| | available | | |
|--------------------------|----------------------|--|--|
| alkyl alcohol ethoxylate | No data available | | |

Terrestrial toxicity Terrestrial toxicity - soil invertebrates, including earthworms, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|--------------------------|----------|-----------------------------|----------------|--------|-------------------------|------------------|
| alkyl alcohol ethoxylate | NOEC | 220 | Eisenia fetida | | | |

Terrestrial toxicity - plants, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|--------------------------|----------|-----------------------------|---------------------|----------|-------------------------|------------------|
| alkyl alcohol ethoxylate | NOEC | 10 | Lepidium sativum | OECD 208 | | |

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

| Ready biodegradability - aerobic conditions | | | | | |
|---|-------------------|----------------------------|--------------------|-----------|-----------------------|
| Ingredient(s) | Inoculum | Analytical | DT 50 | Method | Evaluation |
| | | method | | | |
| alkyl alcohol alkoxylate | Activated sludge, | BOD removal | > 60% in 28 day(s) | OECD 301F | Readily biodegradable |
| | aerobe | | | | |
| alkyl alcohol ethoxylate | Activated sludge, | CO ₂ production | > 60 % in 28 | OECD 301B | Readily biodegradable |
| | aerobe | | day(s) | | |

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential Partition coefficient n-octanol/water (log ent n-octanol/water (log Kow)

| Ingredient(s) | Value | Method | Evaluation | Remark |
|--------------------------|-------|--------|-----------------------------|--------|
| alkyl alcohol alkoxylate | - | | No bioaccumulation expected | |
| alkyl alcohol ethoxylate | 4.09 | QSAR | No bioaccumulation expected | |

Bioconcentration factor (BCF)

| Ingredient(s) | Value | Species | Method | Evaluation | Remark |
|--------------------------|-------------------|---------|--------|-----------------------------|--------|
| alkyl alcohol alkoxylate | No data available | | | | |
| alkyl alcohol ethoxylate | - | | | No bioaccumulation expected | |

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

| Ingredient(s) | Adsorption coefficient Log Koc | Desorption coefficient Log Koc(des) | Method | Soil/sediment type | Evaluation |
|--------------------------|--------------------------------------|---|--------|-----------------------|------------------------------|
| alkyl alcohol alkoxylate | No data available | | | | |
| alkyl alcohol ethoxylate | No data available | | | | Immobile in soil or sediment |

12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6 Endocrine disrupting properties Endocrine disrupting properties - Environmental effects, if available:

12.7 Other adverse effects No other adverse effects known.

SECTION 13: Disposal considerations 13.1 Waste treatment methods

| Waste from residues / unused products: | I he concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation. |
|---|---|
| European Waste Catalogue: | 20 01 29* - detergents containing dangerous substances. |
| Empty packaging Recommendation: Suitable cleaning agents: | Dispose of observing national or local regulations. Water, if necessary with cleaning agent. |

SECTION 14: Transport information

Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Maritime transport in bulk according to IMO instruments: Non-dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations :

Alcohol

Regulation (EC) 1907/2006 - REACH (UK amended)
 Regulation (EC) 1272/2008 - CLP (UK amended)

• Regulation (EC) 648/2004 - Detergents regulation (UK amended)

• Delegated Regulation (EU) 2017/2100 and Regulation (EU) 2018/605 (UK amended)

· Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

International Maritime Dangerous Goods (IMDG) Code

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

| Ingredients according to Detergents Regulation | |
|---|----------|
| non-ionic surfactants | 5 - 15 % |
| soap, anionic surfactants | < 5 % |
| perfumes, Phenoxyethanol, Amyl Cinnamal, Hexyl Cinnamal, Linalool, Benzisothiazolinone, | Benzyl |

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents (UK amended). Data to support this assertion are held at the disposal of the competent authorities of the UK and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Comah - classification: Not classified

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

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This data sheet contains changes from the previous version in section(s):, Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006, 1, 6, 7, 8, 15, 16

Classification procedure

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

Abbreviations and acronyms:

- AISE The international Association for Soaps, Detergents and Maintenance Products
 ATE Acute Toxicity Estimate
- DNEL Derived No Effect Limit
- EC50 effective concentration, 50%
- ERC Environmental release categories
 EUH CLP Specific hazard statement
 LC50 Lethal Concentration, 50% / Median Lethal Concentration
- LCS Life cycle stage
 LD50 Lethal Dose, 50% / Median Lethal dose
- NOAEL No observed adverse effect level
- NOEL No observed effect level
- OECD Organisation for Economic Cooperation and Development

- PBT Persistent, Bioaccumulative and Toxic
 PNEC Predicted No Effect Concentration
 PROC Process categories
 REACH number REACH registration number, without supplier specific part
- vPvB very Persistent and very Bioaccumulative
 H302 Harmful if swallowed.
- H318 Causes serious eye damage.

End of Safety Data Sheet